

## Re: Static route not working for DNS

**Source:**

<http://www.tech-archive.net/Archive/BackOffice/microsoft.public.backoffice.smallbiz/2004-09/0331.html>

---

**From:** Marina Roos [SBS-MVP] ([marina\\_at\\_roos.nodontwantspam.nl.com](mailto:marina_at_roos.nodontwantspam.nl.com))

**Date:** 09/22/04

Date: Wed, 22 Sep 2004 09:10:59 +0200

Hi Eugene,

Can you sort of diagram your network? It is not clear to me how the 2 routers are involved and where the 192.168.10.x is coming from. The plain ipconfig looks good.

--

Regards,

Marina

Microsoft SBS-MVP

"Eugene Tan" <[insights-\[dropthis\]@post1.com](mailto:insights-[dropthis]@post1.com)> schreef in bericht  
news:OAXAdxFoEHA.3908@TK2MSFTNGP09.phx.gbl...

> hi,

>

> To clarify a bit, when the DNS on SBS2k3 has cached the domain,  
> pings using the domain name resolve, but accessing the same site  
> using domain name in IE doesn't resolve. But using IP addr in IE  
> works, except that if any link at the website refers to another  
> subdomain (eg. app.abc.com.sg) or where the domain name is  
> used, then this doesn't work.

>

> How come DNS can't resolve the name even though forwarders  
> have been defined? Why does it take a while before this can be  
> resolved in command prompt? And why does it not work in IE -  
> shdn't a name that resolves in command prompt also resolve in IE?

>

> BTW, I've now received a hosts file for this private network.  
> Would it help if I put it on the server? Or how else can I get it to  
> be saved/cached in DNS?

>

> Regards,

> Eugene Tan

>

> =====

> "Eugene Tan" <[insights-\[dropthis\]@post1.com](mailto:insights-[dropthis]@post1.com)> wrote in message  
> news:%23DoqBZ6nEHA.3072@TK2MSFTNGP09.phx.gbl...

> > hi,

> >

> > A customer has a SBS2k3 Premium with 2 NICs. PCs need to  
> > access a website that is on a private network (private IP addr).  
> > Access is via dialup, and in pre-SBS setup this was done via a  
> > static route in the main router pointing to another router with the  
> > dialup (Win2k3 points to router1 for 0.0.0.0, and router1 points  
> > to router3 with a static route for the private network,

## microsoft.public.backoffice.smallbiz: Re: Static route not working for DNS

> > e.g. 192.168.10.0), this used to work so that even DNS could  
> > work, i.e. www.abc.com worked.  
> >  
> > I've setup a static route (LAN routing) with RRAS and it works.  
> > Using IE6 I can access the website using IP addr.  
> >  
> > I've also setup DNS with a forwarder - abc.com has the private  
> > network's DNS as forwarders, eg. 192.168.10.4 and xxx.5..  
> > (should it be \*.abc.com?) However, doing a ping to the website  
> > domain name doesn't resolve after reboot in command prompt.  
> > Just before reboot, ping to domain name did resolve, but names  
> > didn't resolve in IE6 - looking for www.abc.com kept going to  
> > the public Internet rather than going to the private network.  
> >  
> > What's the right way to do this? What am I doing wrong?  
> >  
> > Also, I tried to configure a dialup route in ISA (routing) but the  
> > dialup checkboxes are greyed out. Even when RRAS is disabled.  
> > Any ideas?  
> >  
> > TIA,  
> > Eugene Tan  
> >  
> >  
> >  
> >  
> >